## PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

| Application or Docket Number |
|------------------------------|
|------------------------------|

10689107

| CLAIMS AS FILED - PART I (Column 1) (Column 2) |   |  |                               |  |   |  |          | SMALL ENTITY TYPE   |                        |                | OTHER THAN OR SMALL ENTITY  |                        |
|--|---|--|-------------------------------|--|---|--|----------|---|------------------------|----------------|---|------------------------|
| TOTAL CLAIMS                                   |   |  | 16                            |  | (COIC   | JIIII 2)   | ] ,      |   |                        | OR<br>1        |   |                        |
| FOR  |   |  | <u> </u>                      |  |   |  |          | RATE  | FEE                    |                | RATE  | FEE                    |
|  |   |  | NUMBER FILED                  |  | NUME  | IMBER EXTRA  |          | BASIC FEE   | 385.00                 | OR             | BASIC FEE   | 770.00                 |
| TOTAL CHARGEABLE CLAIMS                        |   |  | / 6 minus 20= *               |  | *   |  |          | X\$ 9=  |                        | OR             | X\$18=  |                        |
| INI  | DEPENDENT C   | LAIMS  | minus 3 = *                   |  | *   |  |          | X43=  |                        | OR             | X86=  |                        |
| ML   | JLTIPLE DEPEI   | NDENT CLAIM P  | REŚENT                        |  |   |  |          | +145=   |                        |                | +290=   |                        |
| * 11   | the difference  | e in column 1 is   | ess than zero, enter "0" in o |  |   | column 2   | L        | TOTAL   | 200                    | OR<br>OR       | TOTAL   |                        |
| CLAIMS AS AMENDED - PART II                    |   |  |                               |  |   |  |          | .0,,,,,   | 200                    | l              | OTHER   | THAN                   |
|  | (Column 1) (Column 2) (Column 3   |  |                               |  |   |  |          | SMALL E   | NTITY                  | OR             | SMALL   |                        |
| AMENDMENT A                                    |   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT  |                               | HIGHE<br>NUMB<br>PREVIOI<br>PAID F   | ER<br>USLY                                      | PRESENT<br>EXTRA   |          | RATE  | ADDI-<br>TIONAL<br>FEE |                | RATE  | ADDI-<br>TIONAL<br>FEE |
| NON  | Total   | *  | Minus                         | **   |   | =  |          | X\$ 9=  |                        | OR             | X\$18=  | •                      |
| AME  | Independent   | *  | Minus                         | ***  |   | =  |          | X43=  |                        | OR             | X86≒  |                        |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |   |  |                               |  |   |  |          | +145=   |                        | OR             | +290=   |                        |
|  |   |  |                               |  |   |  | L        | TOTAL   |                        | OB I           | TOTAL   |                        |
| (Column 1) (Column 2) (Column 3)               |   |  |                               |  |   |  |          |   |                        | U L            |   |                        |
|  |   | (Column 1)   |                               | (Colum   | ın 2)   | (Column 3)   | Α        | ADDIT. FEE L  |                        | - ·            | ADDIT. FEE  |                        |
| m  |   | (Column 1)<br>CLAIMS   | ſ                             | HIGHE  | ST  | (Column 3)   | ^<br>] Г | ODII. FEE L   | ADDI-                  | _ ·            | ADDII. FEE  | ADDI-                  |
| AENT B   |   |  |                               |  | ST<br>ER<br>USLY                                | (Column 3) PRESENT EXTRA   | ^<br>] [ |   | ADDI-<br>TIONAL<br>FEE | - ·            | RATE  | ADDI-<br>TIONAL<br>FEE |
| NDMENT B                                       | Total   | CLAIMS<br>REMAINING<br>AFTER   | Minus                         | HIGHE<br>NUMB<br>PREVIO  | ST<br>ER<br>USLY                                | PRESENT  |          |   | TIONAL                 | OR             |   | TIONAL                 |
| AMENDMENT B                                    | Independent   | CLAIMS REMAINING AFTER AMENDMENT *   | Minus                         | HIGHE<br>NUMB<br>PREVIOU<br>PAID F   | EST<br>ER<br>USLY<br>OR                         | PRESENT<br>EXTRA   |          | RATE  | TIONAL                 | OR             | RATE  | TIONAL                 |
| AMENDMENT B                                    | Independent   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT  | Minus                         | HIGHE<br>NUMB<br>PREVIOU<br>PAID F   | EST<br>ER<br>USLY<br>OR                         | PRESENT<br>EXTRA   |          | RATE X\$ 9= X43=  | TIONAL                 |                | X\$18=<br>X86=  | TIONAL                 |
| AMENDMENT B                                    | Independent   | CLAIMS REMAINING AFTER AMENDMENT *   | Minus                         | HIGHE<br>NUMB<br>PREVIOU<br>PAID F   | EST<br>ER<br>USLY<br>OR                         | PRESENT<br>EXTRA   |          | RATE  X\$ 9=  X43=  +145=                                 | TIONAL                 | OR             | X\$18=<br>X86=<br>+290=   | TIONAL                 |
| AMENDMENT B                                    | Independent   | CLAIMS REMAINING AFTER AMENDMENT *   | Minus                         | HIGHE<br>NUMB<br>PREVIOU<br>PAID F   | EST<br>ER<br>USLY<br>OR                         | PRESENT<br>EXTRA   |          | RATE X\$ 9= X43=  | TIONAL                 | OR<br>OR       | X\$18=<br>X86=  | TIONAL                 |
| AMENDMENT B                                    | Independent   | CLAIMS REMAINING AFTER AMENDMENT  *  * NTATION OF MU   | Minus                         | HIGHE NUMB PREVIOU PAID F  **  ***  CENDENT (  | ST<br>ER<br>USLY<br>OR<br>CLAIM                 | PRESENT<br>EXTRA   |          | RATE  X\$ 9=  X43=  +145=  TOTAL                          | TIONAL                 | OR<br>OR       | X\$18=<br>X86=<br>+290=   | TIONAL                 |
| ပ  | Independent   | CLAIMS REMAINING AFTER AMENDMENT  *  *  NTATION OF MU  | Minus                         | HIGHE<br>NUMB<br>PREVIOU<br>PAID F<br>**<br>***  | ST<br>ER<br>USLY<br>OR<br>CLAIM                 | PRESENT<br>EXTRA   |          | X\$ 9=<br>X43=<br>+145=<br>TOTAL<br>DDIT. FEE             | TIONAL                 | OR<br>OR       | X\$18=<br>X86=<br>+290=   | TIONAL                 |
| ပ  | Independent   | CLAIMS REMAINING AFTER AMENDMENT  *  *  *  *  *  *  *  *  *  *  *  *  *                                  | Minus                         | HIGHE NUMB PREVIOU PAID F  **  ***  (Colum HIGHE NUMBI PREVIOU   | ST<br>ER<br>USLY<br>OR<br>CLAIM                 | PRESENT EXTRA  =  (Column 3)  PRESENT                                |          | X\$ 9=<br>X43=<br>+145=<br>TOTAL<br>DDIT. FEE             | ADDI-<br>TIONAL<br>FEE | OR<br>OR       | X\$18=<br>X86=<br>+290=<br>TOTAL<br>ADDIT. FEE                        | TIONAL<br>FEE          |
| v  | Independent FIRST PRESE  Total Independent  | CLAIMS REMAINING AFTER AMENDMENT  *  *  NTATION OF MU  (Column 1) CLAIMS REMAINING AFTER AMENDMENT  *  * | Minus  Minus  Minus  Minus    | HIGHE NUMB PREVIOU PAID F  **  ***  COlum HIGHE NUMBI PREVIOU PAID F  **  ***  | ST<br>ER<br>USLY<br>OR<br>CLAIM                 | PRESENT EXTRA  |          | X\$ 9=  X43= +145= TOTAL DDIT. FEE  RATE  X\$ 9=          | ADDI-<br>TIONAL<br>FEE | OR<br>OR<br>OR | RATE  X\$18=  X86=  +290=  TOTAL ADDIT. FEE  RATE  X\$18=             | TIONAL<br>FEE          |
|  | Independent FIRST PRESE  Total Independent  | CLAIMS REMAINING AFTER AMENDMENT  *  *  NTATION OF ML  (Column 1) CLAIMS REMAINING AFTER AMENDMENT  *    | Minus  Minus  Minus  Minus    | HIGHE NUMB PREVIOU PAID F  **  ***  COlum HIGHE NUMBI PREVIOU PAID F  **  ***  | ST<br>ER<br>USLY<br>OR<br>CLAIM                 | PRESENT EXTRA  =  (Column 3)  PRESENT EXTRA  =                       |          | RATE  X\$ 9=  X43=  +145=  TOTAL DDIT. FEE                | ADDI-<br>TIONAL<br>FEE | OR<br>GR<br>OR | RATE  X\$18=  X86=  +290=  TOTAL ADDIT. FEE  RATE  X\$18=  X86=       | TIONAL<br>FEE          |
| AMENDMENT C                                    | Independent FIRST PRESE  Total Independent FIRST PRESE                                      | CLAIMS REMAINING AFTER AMENDMENT  *  *  *  *  *  *  *  *  *  *  *  *  *                                  | Minus  Minus  Minus  Minus    | (Colum HIGHE NUMB) PREVIOU PAID F  ***  (Colum HIGHE NUMB) PREVIOU PAID F  ***  ***  PENDENT (   | ST<br>ER<br>USLY<br>OR<br>CLAIM                 | PRESENT EXTRA  =  (Column 3)  PRESENT EXTRA  =  =                    |          | X\$ 9=  X43= +145= TOTAL DDIT. FEE  X\$ 9=  X43= +145=    | ADDI-<br>TIONAL<br>FEE | OR<br>OR<br>OR | RATE  X\$18=  X86= +290=  TOTAL ADDIT. FEE   RATE  X\$18=  X86= +290= | TIONAL<br>FEE          |
| # * AMENDMENT C                                | Independent FIRST PRESE  Total Independent FIRST PRESE the entry in column the "Highest Num | CLAIMS REMAINING AFTER AMENDMENT  *  *  NTATION OF MU  (Column 1) CLAIMS REMAINING AFTER AMENDMENT  *  * | Minus Minus Minus LTIPLE DEP  | (Column HIGHE NUMB PREVIOUS PAID FOR NUMB PREVIOUS PAID FOR NUMB PREVIOUS PAID FOR NUMB PREVIOUS PAID FOR NUMB PAI | ST ER USLY OR  CLAIM  CLAIM  O" in coldess than | PRESENT EXTRA  =  (Column 3)  PRESENT EXTRA  =  =  1 20, enter "20." |          | X\$ 9=  X43=  +145=  TOTAL DDIT. FEE   RATE  X\$ 9=  X43= | ADDI-<br>TIONAL<br>FEE | OR OR OR OR    | RATE  X\$18=  X86=  +290=  TOTAL ADDIT. FEE  RATE  X\$18=  X86=       | TIONAL<br>FEE          |